



ELSEVIER

Applied Numerical Mathematics 22 (1996) 495–496



APPLIED
NUMERICAL
MATHEMATICS

Author Index—Volume 22 (1996)

(The issue number is given in front of page numbers)

- Albrecht, P.**, The common basis of the theories of linear cyclic methods and Runge–Kutta methods (1–3) 3– 22
- Aubry, A.** and **P. Chartier**, On the structure of errors for Radau IA methods applied to index-2 DAEs (1–3) 23– 34
- Auzinger, W.**, **R. Frank** and **H.J. Stetter**, Vienna contributions to the development of RK-methods (1–3) 35– 49
- Baker, T.S.**, **J.R. Dormand**, **J.P. Gilmore** and **P.J. Prince**, Continuous approximation with embedded Runge–Kutta methods (1–3) 51– 62
- Bellen, A.** and **R. Vermiglio**, Some applications of continuous Runge–Kutta methods (1–3) 63– 79
- Burrage, K.** and **P.M. Burrage**, High strong order explicit Runge–Kutta methods for stochastic ordinary differential equations (1–3) 81–101
- Burrage, P.M.**, see **Burrage, K.** (1–3) 81–101
- Butcher, J.C.** and **J.M. Sanz-Serna**, The number of conditions for a Runge–Kutta method to have effective order p (1–3) 103–111
- Butcher, J.C.** and **G. Wanner**, Runge–Kutta methods: some historical notes (1–3) 113–151
- Calvo, M.P.**, **A. Iserles** and **A. Zanna**, Runge–Kutta methods for orthogonal and isospectral flows (1–3) 153–163
- Cash, J.R.**, Runge–Kutta methods for the solution of stiff two-point boundary value problems (1–3) 165–177
- Chan, R.P.K.**, A-stability of implicit Runge–Kutta extrapolations (1–3) 179–203
- Chartier, P.**, see **Aubry, A.** (1–3) 23– 34
- Dervieux, A.**, see **Palmerio, B.** (4) 477–493
- Dongarra, J.J.**, **B. Straughan** and **D.W. Walker**, Chebyshev tau-QZ algorithm methods for calculating spectra of hydrodynamic stability problems (4) 399–434
- Dormand, J.R.**, see **Baker, T.S.** (1–3) 51– 62
- Enright, W.H.**, see **Hull, T.E.** (1–3) 225–236
- Frank, R.**, see **Auzinger, W.** (1–3) 35– 49
- Ganesh, M.**, A general convergence theory for nonlinear equations with application to integro–differential equations (4) 435–449
- Gilmore, J.P.**, see **Baker, T.S.** (1–3) 51– 62
- Gladwell, I.**, see **Shampine, L.F.** (1–3) 293–308
- Hairer, E.** and **M. Zennaro**, On error growth functions of Runge–Kutta methods (1–3) 205–216
- Higham, D.J.**, Runge–Kutta type methods for orthogonal integration (1–3) 217–223
- Hout, K.J.** in 't, On the stability of adaptations of Runge–Kutta methods to systems of delay differential equations (1–3) 237–250
- Houwen, P.J. van der** and **B.P. Sommeijer**, CWI contributions to the development of parallel Runge–Kutta methods (1–3) 327–344
- Hull, T.E.**, **W.H. Enright** and **K.R. Jackson**, Runge–Kutta research at Toronto (1–3) 225–236
- Iserles, A.**, see **Calvo, M.P.** (1–3) 153–163
- Jackiewicz, Z.**, **R. Vermiglio** and **M. Zennaro**, Regularity properties of Runge–Kutta methods for ordinary differential equations (1–3) 251–262

- Jackson, K.R.**, see **Hull, T.E.** (1-3) 225-236
- Kværnø, A., S.P. Nørsett and B. Owren**, Runge-Kutta research in Trondheim (1-3) 263-277
- Lubich, C. and A. Ostermann**, Runge-Kutta time discretization of reaction-diffusion and Navier-Stokes equations: nonsmooth-data error estimates and applications to long-time behaviour (1-3) 279-292
- Mannix Jr., C.E.**, Potential function construction by use of an adaptive mesh algorithm for a class of singular integral equations (4) 451-475
- Nørsett, S.P.**, see **Kværnø, A.** (1-3) 263-277
- Ostermann, A.**, see **Lubich, C.** (1-3) 279-292
- Owren, B.**, see **Kværnø, A.** (1-3) 263-277
- Palmerio, B. and A. Dervieux**, Multi-mesh and multiresolution analysis for mesh adaptive interpolation (4) 477-493
- Prince, P.J.**, see **Baker, T.S.** (1-3) 51-62
- Sanz-Serna, J.M.**, see **Butcher, J.C.** (1-3) 103-111
- Shampine, L.F. and I. Gladwell**, Software based on explicit RK formulas (1-3) 293-308
- Sommeijer, B.P.**, see **Houwen, P.J. van der** (1-3) 327-344
- Spijker, M.N.**, Error propagation in Runge-Kutta methods (1-3) 309-325
- Stetter, H.J.**, see **Auzinger, W.** (1-3) 35-49
- Straughan, B.**, see **Dongarra, J.J.** (4) 399-434
- Strehmel, K.**, see **Wensch, J.** (1-3) 381-398
- Vermiglio, R.**, see **Bellen, A.** (1-3) 63-79
- Vermiglio, R.**, see **Jackiewicz, Z.** (1-3) 251-262
- Verner, J.H.**, High-order explicit Runge-Kutta pairs with low stage order (1-3) 345-357
- Verwer, J.G.**, Explicit Runge-Kutta methods for parabolic partial differential equations (1-3) 359-379
- Walker, D.W.**, see **Dongarra, J.J.** (4) 399-434
- Wanner, G.**, see **Butcher, J.C.** (1-3) 113-151
- Weiner, R.**, see **Wensch, J.** (1-3) 381-398
- Wensch, J., K. Strehmel and R. Weiner**, A class of linearly-implicit Runge-Kutta methods for multibody systems (1-3) 381-398
- Zanna, A.**, see **Calvo, M.P.** (1-3) 153-163
- Zennaro, M.**, see **Hairer, E.** (1-3) 205-216
- Zennaro, M.**, see **Jackiewicz, Z.** (1-3) 251-262

